

WHAT IS CLAIMED IS:

1. A gravity corrected scale comprising:
  - a weight measuring unit;
  - an audio correction signal receiver;
  - 5 a gravity correction relevant value converter;
  - a gravity correction relevant value storage unit ; and
  - a corrected weight value calculation unit, wherein
  - said weight measuring unit provides a weight value by measuring an
  - object to be measured,
  - 10 said audio correction signal receiver receives an audio gravity
  - correction signal,
  - said gravity correction relevant value converter converts the audio
  - gravity correction signal received by said audio correction signal receiver into a
  - gravity correction relevant value,
  - 15 said gravity correction relevant value storage unit stores the gravity
  - correction relevant value converted by said gravity correction relevant value
  - converter, and
  - said corrected weight value calculation unit calculates a corrected
  - weight value by correcting the weight value provided by said weight measuring unit
  - 20 based on the gravity correction relevant value stored in said gravity correction
  - relevant value storage unit.
  
2. A gravity corrected scale according to claim 1 in which it further  
comprises an audio completion signal transmitter which transmits an audio gravity  
correction completion signal after receiving the audio gravity correction signal by  
25 said audio correction signal receiver.

3. A gravity corrected scale comprising:  
a weight measuring unit;  
an optical correction signal receiver;  
a gravity correction relevant value converter;  
5 a gravity correction relevant value storage unit; and  
a corrected weight value calculation unit, wherein  
said weight measuring unit provides a weight value by measuring an  
object to be measured,  
said optical correction signal receiver receives an optical gravity  
10 correction signal,  
said gravity correction relevant value converter converts the optical  
gravity correction signal received by said optical correction signal receiver into a  
gravity correction relevant value,  
said gravity correction relevant value storage unit stores the gravity  
15 correction relevant value converted by said gravity correction relevant value  
converter, and  
said corrected weight value calculation unit calculates a corrected  
weight value by correcting the weight value provided by said weight measuring unit  
based on the gravity correction relevant value stored in said gravity correction  
20 relevant value storage unit.

4. A gravity corrected scale according to claim 3 in which it further  
comprises an optical completion signal transmitter which transmits an optical  
gravity correction completion signal after receiving the optical gravity correction  
signal by said optical correction signal receiver.

- 25 5. A gravity corrected scale comprising:  
a weight measuring unit;  
an electromagnetic correction signal receiver;

- a gravity correction relevant value converter;  
a gravity correction relevant value storage unit; and  
a corrected weight value calculation unit, wherein  
said weight measuring unit provides a weight value by measuring an
- 5 object to be measured,  
said electromagnetic correction signal receiver receives an  
electromagnetic gravity correction signal,  
said gravity correction relevant value converter converts the  
electromagnetic gravity correction signal received by said electromagnetic  
10 correction signal receiver into a gravity correction relevant value,  
said gravity correction relevant value storage unit stores the gravity  
correction relevant value converted by said gravity correction relevant value  
converter, and  
said corrected weight value calculation unit calculates a corrected  
15 weight value by correcting the weight value provided by said weight measuring unit  
based on the gravity correction relevant value stored in said gravity correction  
relevant value storage unit.

6. A gravity corrected scale according to claim 5 in which it further  
comprises an electromagnetic completion signal transmitter which transmits an  
20 electromagnetic gravity correction completion signal after receiving the  
electromagnetic gravity correction signal by said electromagnetic correction signal  
receiver.

7. A gravity corrected scale according to any one of claims 1 to 6 in  
which it further comprises:
- 25 a gravity correction supplemental value input unit; and  
a gravity correction supplemental value storage unit, wherein

said gravity correction supplemental value input unit enters a supplemental value for gravity correction, and

said gravity correction supplemental value storage unit stores the supplemental value for gravity correction entered by said gravity correction supplemental value input unit, and wherein

5 said corrected weight value calculation unit calculates the corrected weight value by correcting the weight value provided by said weight measuring unit based on the gravity correction relevant value stored in said gravity correction relevant value storage unit and the gravity correction supplemental value stored in  
10 said gravity correction supplemental value storage unit.

8. A gravity correction indicator comprising:

a gravity correction information input unit;

a signal converter; and

an audio correction signal transmitter, wherein

15 said gravity correction information input unit enters information for gravity correction,

said signal converter converts the information for gravity correction entered by said gravity correction information input unit into a gravity correction signal, and

20 said audio correction signal transmitter transmits the gravity correction signal converted by said signal converter as audio signal.

9. A gravity correction indicator according to claim 8 in which it further comprises:

an audio completion signal receiver; and

25 a completion announcement unit, wherein

said audio completion signal receiver receives an audio gravity correction completion signal after transmitting the audio gravity correction signal by said audio correction signal transmitter, and

- 5       said completion announcement unit announces completion of gravity correction after receiving the audio gravity correction completion signal by said audio completion signal receiver.

- 10       10. A gravity correction indicator comprising:  
a gravity correction information input unit;  
a signal converter; and  
an optical correction signal transmitter, wherein  
10       said gravity correction information input unit enters information for gravity correction,  
said signal converter converts the information for gravity correction entered by said gravity correction information input unit into a gravity correction  
15       signal, and  
said optical correction signal transmitter transmits the gravity correction signal converted by said signal converter as optical signal.

- 20       11. A gravity correction indicator according to claim 10 in which it further comprises:  
an optical completion signal receiver; and  
a completion announcement unit, wherein  
said optical completion signal receiver receives an optical gravity correction completion signal after transmitting the optical gravity correction signal by said optical correction signal transmitter, and  
25       said completion announcement unit announces completion of gravity correction after receiving the optical gravity correction completion signal by said optical completion signal receiver.

12. A gravity correction indicator comprising:  
a gravity correction information input unit;  
a signal converter; and  
an electromagnetic correction signal transmitter, wherein  
5 said gravity correction information input unit enters information for  
gravity correction,  
said signal converter converts the information for gravity correction  
entered by said gravity correction information input unit into a gravity correction  
signal, and  
10 said electromagnetic correction signal transmitter transmits the  
gravity correction signal converted by said signal converter as electromagnetic  
signal.
13. A gravity correction indicator according to claim 12 in which it  
further comprises:  
15 an electromagnetic completion signal receiver; and  
a completion announcement unit, wherein  
said electromagnetic completion signal receiver receives an  
electromagnetic gravity correction completion signal after transmitting the  
electromagnetic gravity correction signal by said electromagnetic correction signal  
20 transmitter, and  
said completion announcement unit announces completion of gravity  
correction after receiving the electromagnetic gravity correction completion signal  
by said electromagnetic completion signal receiver.
14. A gravity corrected scale system comprising a gravity corrected scale  
25 according to claim 1 and a gravity correction indicator according to claim 8 wherein  
an audio gravity correction signal transmitted by an audio correction signal  
transmitter of the gravity correction indicator is received by an audio correction

signal receiver of the gravity corrected scale.

15. A gravity corrected scale system according to claim 14 in which said gravity corrected scale further includes:

- an audio completion signal transmitter which transmits an audio gravity correction completion signal after receiving the audio gravity correction signal by said audio correction signal receiver,
- said gravity correction indicator further includes:
  - an audio completion signal receiver which receives an audio gravity correction completion signal after transmitting the audio gravity correction signal
- 10 by said audio correction signal transmitter; and
  - a completion announcement unit which announces completion of gravity correction after receiving the audio gravity correction completion signal by said audio completion signal receiver, and in which
  - the audio gravity correction completion signal transmitted by said
- 15 audio completion signal transmitter is received by said audio completion signal receiver.

16. A gravity corrected scale system comprising a gravity corrected scale according to claim 3 and a gravity correction indicator according to claim 10 wherein an optical gravity correction signal transmitted by an optical correction
- 20 signal transmitter of the gravity correction indicator is received by an optical correction signal receiver of the gravity corrected scale.

17. A gravity corrected scale system according to claim 16 in which said gravity corrected scale further includes:

an optical completion signal transmitter which transmits an optical gravity correction completion signal after receiving the optical gravity correction signal by said optical correction signal receiver,

said gravity correction indicator further includes:

5 an optical completion signal receiver which receives an optical gravity correction completion signal after transmitting the optical gravity correction signal by said optical correction signal transmitter; and

a completion announcement unit which announces completion of gravity correction after receiving the optical gravity correction completion signal by

10 said optical completion signal receiver, and in which

the optical gravity correction completion signal transmitted by said optical completion signal transmitter is received by said optical completion signal receiver.

18. A gravity corrected scale system comprising a gravity corrected scale  
15 according to claim 5 and a gravity correction indicator according to claim 12 wherein an electromagnetic gravity correction signal transmitted by an electromagnetic correction signal transmitter of the gravity correction indicator is received by an electromagnetic correction signal receiver of the gravity corrected scale.

20 19. A gravity corrected scale system according to claim 18 in which said gravity corrected scale further includes:

an electromagnetic completion signal transmitter which transmits an electromagnetic gravity correction completion signal after receiving the electromagnetic gravity correction signal by said electromagnetic correction signal

25 receiver,

said gravity correction indicator further includes:



an electromagnetic completion signal receiver which receives an electromagnetic gravity correction completion signal after transmitting the electromagnetic gravity correction signal by said electromagnetic correction signal transmitter (94); and a completion announcement unit which announces completion  
5 of gravity correction after receiving the electromagnetic gravity correction completion signal by said electromagnetic completion signal receiver, and in which  
the electromagnetic gravity correction completion signal transmitted by said electromagnetic completion signal transmitter is received by said electromagnetic completion signal receiver.

10